

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Pioglitazone HCl, CAS [[112529-15-4]] FBM-10-1010

Article Name	Pioglitazone HCl, CAS [[112529-15-4]]
Biozol Catalog Number	FBM-10-1010
Supplier Catalog Number	10-1010
Alternative Catalog Number	FBM-10-1010-10MG,FBM-10-1010-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PPARgamma agonist...
Molecular Weight	392.090
Purity	98% by TLC, NMR (conforms)
Form	White solid
CAS Number	[112529-15-4]
Formula	C19H20N2O3S HCl
Application Notes	Pioglitazone is a clinically useful antidiabetic drug. ¹ It is a selective agonist of the human peroxisome proliferator-activated receptor 1 (PPAR α , EC ₅₀ = 490 nM ² , 550nM ³) with weak agonist activity at PPAR and no activity at PPAR. ² Inhibits mitochondrial pyruvate metabolism and glucose production in hepatocytes. ⁴ Suppresses production of inflammatory cytokines and shows antidepressant-like activity in mouse models. ⁵